

APPARATUS FOR ACHROMATIZING OPTICAL BEAMS

Abstract

5 Optical devices achromatize the output from a highly efficient refractive laser
beam resaper, thereby allowing collimated, diffraction limited flat-top laser beams to be
generated over a wide spectral interval, e.g., over 200 nm in the visible. While the beam
reshaper may utilize refractive aspheric lenses, the achromatizers use cost effective
spherical refractive elements.

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